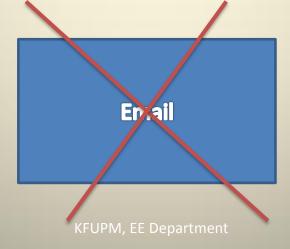
Collaborative Writing for Research and Education Using Web2 Tools

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Try Email for :

- Collecting inputs or data from several parties
- Collaborating in writing a single document
- Synchronizing several contributions by several authors.
- Fill and Re-Send Syndrome



The Solution is Web2 Tools:

- Web 1: Webmasters upload information to the server and site visitors are just passive viewers.
- Web 2: Web applications facilitate information sharing, collaboration, adding and editing contents by the users (active contribution)
- Looking for students centered education? Web2 tools are a must

Web 2 Tools

- Wikis
- Blogs
- Social Networks
- Social Bookmarking
- Video Sharing
- Slide Sharing

What are they?





Wiki: a website that allows multiple users to create, modify and organize web page content in a collaborative manner **Blog:** a shared on-line journal where people can post diary entries about their personal experiences, interests, and hobbies

Success Stories

WikipediA

The Free Encyclopedia

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Toolbox

For Wikipedia's non-encyclopedic visitor introduction, see Wikipedia:About. Wikipedia is a free.^[3] web-based, collaborative, multilingual encyclopedia project supported by the non-profit Wikimedia Foundation. Its 16 million articles (over 3.4 million in English) have been written collaboratively by volunteers around the world, and almost all of its articles can be edited by anyone with access to the site.^[4] Wikipedia was launched in 2001 by Jimmy Wales and Larry Sanger^[6] and is currently the largest and most popular general reference work on the Internet, ^{[2][6][7][8]} ranked 7th among all websites on Alexa.^[9]

The name Wikipedia (pronounced /, w1k1' pitdi.ə/ or /, w1ki' pitdi.ə/ WIK-i-PEE-dee-ə) was coined by Larry Sanger^[10] and is a portmanteau from wiki (a technology for creating collaborative websites, from the Hawaiian word wiki, meaning "guick") and encyclopedia.

Although the policies of Wikipedia strongly espouse verifiability and a neutral point of view, critics of Wikipedia accuse it of systemic bias and inconsistencies (including undue weight given to popular culture).^[11] and allege that it favors consensus over credentials in its editorial processes.^[12] Its reliability and accuracy are also targeted.^[13] Other criticisms center on its susceptibility to vandalism and the addition of spurious or unverified information.^[14] though scholarly work suggests that vandalism is generally short-lived.^{[16][16]} and an investigation in Nature found that the material they compared came close to

WikipediA The logo of Wikipedia, a globe featuring glyphs from many different writing systems Screenshot [show] URL Wikipedia.org Slogan

Wikipedia

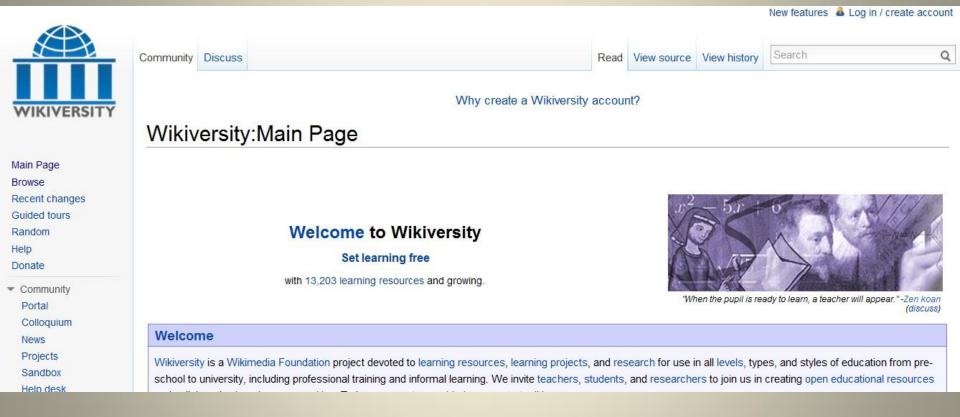
New features 👗 Log in / create account





10/26/2010

Success Stories



Collaborative Writing

Teaching

- Improves Communication Skills
- Improves Critical Thinking Skills
- Results in better quality in terms of content and format

Research

- Promote group research
- Multi-disciplinary research
- Improves quality of scholarly outcomes

Collaborative Writing using WiKis

Teaching

- Improves Communication Skills
- Improves Critical Thinking and Brainstorming Skills
- Results in better quality in terms of content and format
- Students contribute to their discipline on WWW
- The contribution of each student can be easily identified → facilitate grading

Research

- Promote group research
- Multi-disciplinary research
- Improves quality of scholarly outcomes
- Efficient editing and reviewing
- Better time and task management
- The Contribution of each author can be easily identified

Collaborative Writing Tools

Browser Based

- All editing tools are available through the web browser.
- Examples
 - Google Docs
 - <u>www.pbworks.com</u>
 - <u>www.wikispaces.com</u>
 - Zoho
 - ScribTex
 - Labtex
 - MonkeyTex

Software Based

- Need to install the software at you local machine.
- Several MS Office plugins:
 - Codoxware
 - Zoho MS office plugins

Google Docs

- docs.google.com
- You Tube Demo

http://www.youtube.com/docs

Google docs

Create and share your work online with Google Docs

- Upload your files from your desktop: It's easy to get started and it's free!
- Access anywhere: Edit and view your docs from any computer or smart phone.
- Share your work: Real-time collaboration means work gets done more quickly.



New Features

- Real-time collaboration: Multiple users can edit the same document at the same time.
- Chat while you write
- Exercise: Link <u>http://bit.ly/ck4000</u>
- Brainstorming
 - Applications of wikis in teaching, research, and office work
 - Advantages and disadvantages

Research Workspace

- www.Pbworks.com
- Example: Literature Survey



Class Projects

- www.Pbworks.com
- Information Theory
- <u>Simulation of Comm. Systems</u>



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Technical Paper Writing

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Save Now Save & Close

Advantages of Latex-based tools

- Easy and professional formatting
- Automatic numbering of
 - references,
 - figures,
 - equations,
 - Cross-references,
 - lists

Suggested Applications

- Lab Reports:
 - Usually labs are conducted in groups.
 - It will be easy to identify the contribution of each student.
- Course Projects
- Advisors and Graduate Students: Editing and Reviewing Thesis and Papers
- Office Work: *filling forms and collected data from different parties*

References

- An up-to-date list of collaborative writing tools can be found at:
 - <u>http://en.wikipedia.org/wiki/Collaborative_real-</u>
 <u>time_editor</u>